Sheet 1 of 3

Form PTO-14	49			Docket Number (Opt 3393.8US (97-03		s)			Number ssigned	1
INFORM	ATION DISCLO		TION	Applicant	Warren					
	(Use several sheets			Filing Date July 7,	2003		Group	Art L	Jnit Unk	nown
		U.S.	PATENT	DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLAS	ss	SUBCLA	ss	FILING DA	
KS	4,817,851	04/1989	K	olesar et al.		_		_	<u> </u>	
١	4,981,249	01/1991	Kav	vashima et al.					٠	
	5,226,948	07/1993	(Orme et al.						
	5,259,593	11/1993	. (Orme et al.						
	5,266,098	11/1993		Chun et al.						
	5,364,011	11/1994	E	Baker et al.						
	5,377,961	01/1995		Smith et al.						
	5,379,931	01/1995	\	/an Schaik						
	5,411,602	05/1995		Hayes						
	5,455,606	10/1995	К	eeling et al.						
145	5,481,288	01/1996		eeling et al.	_					
		FOREIC	ON PATE	NT DOCUMEN	TS .					
									Tran	nslation
	DOCUMENT NUMBER	DATE		COUNTRY	CLA	SS	SUBCLA	uss	YES	NO
14	1682039	10/1991	S	Soviet Union			<u> </u>			
			<u> </u>							
			_							
		*								
							·			
		0	THER DO	CUMENTS	(ln	ncluding	g Author, Tit	le, Dat	e, Pertinent	Pages, Etc.)
احر					<u> </u>					
12	US 2002	/0031612 A1 Fai	mworth (03/1	14/2002)						
					_	_				
<u> </u>	+						•			
	-									
	+									
				<u> </u>						
			•	DATE CONSIDE	RED					
EXAMINER	They to				3.18/0					

Sheet 2 of 3 Application Number Docket Number (Optional) Form PTO-1449 3393.8US (97-0324.08/US) N ty tassigned INFORMATION DISCLOSURE CITATION Warren M. Farnworth Applicant IN AN APPLICATION (Use several sheets if necessary) Filing Date July 7, 2003 Group Art Unit Unknown **U.S. PATENT DOCUMENTS** FILING DATE EXAMINER CLASS SUBCLASS DOCUMENT NUMBER DATE NAME IF APPROPRIATE INITIAL 5,520,715 05/1996 Oeftering Gaynes et al. 08/1996 5,545,465 Smith et al. 5,560,543 10/1996 Melton et al. 5,597,110 01/1997 07/1997 Wallace et al. 5,643,353 Hayes et al. 5,736,074 04/1998 5,746,844 05/1998 Sterett et al. Smith et al. 5,747,102 05/1998 06/1998 Ayers et al. 5,772,106 07/1998 Tsung Pan et al. 5,779,971 09/1998 Smith. Jr. et al. 5.810.988 FOREIGN PATENT DOCUMENTS SUBCLASS COUNTRY CLASS DOCUMENT NUMBER DATE YES **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER** 3/8/05 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conforman not considered. Include copy of this form with next communication to the applicant.

Sheet 3 of 3

Application Number Docket Number (Optional) Form PTO-1449 . 3393.8US (97-0324.08/US) Not yet assigned INFORMATION DISCLOSURE CITATION Warren M. Farnw rth Applicant IN AN APPLICATION Group Art Unit Unknown (Use several sheets if necessary) Filing Date July 7, 2003 **U.S. PATENT DOCUMENTS** FILING DATE IF APPROPRIATE SUBCLASS **EXAMINER** NAME CLASS DOCUMENT NUMBER DATE INITIAL Yost et al. 5,855,323 01/1999 Watts, Jr. et al. 02/1999 5,868,305 04/1999 Tang et al. 5,891,212 Orme-Marmarelis et al. 5,894,980 04/1999 Orme-Marmarelis et al. 04/1999 5,894,985 Muntz et al. 08/1999 5,938,102 Farnworth 5,988,480 11/1999 Sachs 6,036,777 03/2000 Sachs et al. 06/2000 6,070,973 07/2000 Famworth 6,082,605 Nakasu et al. 6,213,356 04/2001 6,276,589 08/2001 Watts, Jr. et al. Farnworth 12/2001 6,325,271 02/2002 Farnworth 6,350,494 09/2002 Farnworth 6,443,350 FOREIGN PATENT DOCUMENTS Translation CLASS SUBCLASS COUNTRY DOCUMENT NUMBER DATE OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER** Xely Stown 3/8/05 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conforman not considered. Include copy of this form with next communication to the applicant.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

MAR 1 5 2004 W

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

			U.S. PATENT D	OCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
15		US-3,641,588	02/08/72	Metz	
1cl		US-4,650,694	03/17/87	Dressler et al.	
KS		US-5,585,629	12/17/96	Doran et al.	
K		US-6,350,494	02/26/02	Famworth	
		US-			
	1	US-			
		US-			
		US-			-
		US-			
	<u> </u>	US-			
		US-			

	I	Foreign Patent Document	ATENT DOCUM	Name of Paternee or	Pages, Columns, Lines,	
Examiner Initials*	Cite No.	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶
	<u> </u>		 			

Europines	/> 4.	Date	31-1-	
Examiner Signature	My	Considered	318105	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Index the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO Complete if Known 10/616,184 INFORMATION DISCLOSURE Application Number July 7, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Warren M. Farnworth 1725 Group Art Unit (use as many sheets as necessary) Unknown **Examiner Name** of Attorney Docket Number 3393.8US (97-0324.08/US) Sheet

	Ι	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant
Examiner Initials	Cite No. ¹	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
15	1	US-4,872,905	10/10/89	Bourne et al.	
19		US- 6,202,734	03/20/01	Sackinger et al.	
	1	US-			
		US-`			
		US-		·	
		US-			
		US-			
	 	US-			
		US-			
		US-			
	1	US-			
	 	US-			
	1	US-			
		US-			
		US-			
		US-			
	T	US-			

Examiner Cite		Foreign Patent Document	J	Name of Patentee or	Pages, Columns, Lines,		
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	7⁴	
		<u> </u>					
	<u> </u>						
	-						

|--|

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.